

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-39

WASTE DISCHARGE REQUIREMENTS

GENSTAR GAS RECOVERY SYSTEMS, INCORPORATED
AND CITY OF SAN JOSE
SINGLETON ROAD LANDFILL METHANE GAS RECOVERY PROJECT
SAN JOSE, SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. Genstar Gas Recovery Systems, Inc., has applied on May 1, 1986 for a permit to discharge landfill gas condensate into the City of San Jose Singleton Road Landfill. Genstar Gas Recovery Systems, Inc. and the City of San Jose are hereinafter collectively referred to as the discharger.
2. The methane gas recovery project site, as shown on Attachment A, which is incorporated herein and made a part of this Order, is on a portion of the property formerly used by the City of San Jose as a solid waste disposal site. The site is located on south of Capital Expressway and west of Coyote Creek in the City of San Jose. Disposal operations ceased at the site on October 10, 1980.
3. The landfill gas condensate to be discharged is a byproduct of the landfill gas extraction process. It contains no chemical additives and consists only of water and contaminants removed from gas recovered at Singleton Road Landfill.
4. Condensate is to be returned to the landfill in two ways: (1) actively, at an average rate of 143 gallons per day (gpd) by pumping to condensate reinjection wells from the gas-to-electricity generating station; and (2) passively, at an average rate of 127 gpd through condensate traps placed at low points in the gas collection lines. These condensate return points are shown on the plans submitted with the Report of Waste Discharge dated May 1, 1986.
5. Board Order No. 81-8 adopted closure requirements for Singleton Road landfill. This Order describes the closed site as being formerly used by the City of San Jose for disposal of municipal refuse. The landfill is underlain by several feet of impervious silt clay which protects the underlying useable aquifers.
6. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin on July 1, 1982, and this Order

implements the water quality objectives stated in that plan.

7. The potential and actual beneficial uses of ground and surface waters in the vicinity of this solid waste disposal site which might be affected by disposal of methane gas condensate are:
 - a. Water contact recreation
 - b. Non-contact water recreation
 - c. Warm freshwater habitat
 - d. Wildlife habitat
 - e. Fish migration
 - f. Fish spawning
 - g. Municipal and domestic water supply
 - h. Agricultural water supply
 - i. Preservation of rare and endangered species
8. This discharge is exempt from regulations governing waste disposal to land contained in Title 23, Chapter 3, Subchapter 15 of the California Administrative Code under Section 2511(e) of those regulations. The City of San Jose, Singleton Road Landfill (Board Order No. 81-8) are herein amended to incorporate this exemption.
9. The action to issue waste discharge requirements for a minor modification to land is exempt from the California Environmental Quality Act (Public Resources Section 2100 et seq.) in accordance with Section 15301 of the Public Resources Code.
10. The Board notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements, and has provided them with an opportunity for a public hearing and to submit their written views and recommendations.
11. The Board, in a public hearing on June 18, 1986, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED THAT Genstar Gas Recovery systems, Inc., and the City of San Jose, and any other current or future owners of the facility shall meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and shall also comply with the following:

A. PROHIBITIONS

1. The disposal of condensate shall not create a pollution or nuisance as defined in Section 13050 (1) and (m) of the California Water Code .
2. Condensate shall not be disposed of in any way which would allow discharge of the condensate into waters of

the State or the United States.

3. Disposal of condensate shall not create any conditions which does or could impair the effectiveness of the containment structures or features at the Singleton Road Landfill.

B. SPECIFICATIONS

1. Condensate shall be returned to the City of San Jose, Singleton Road disposal site at the points designated on the plans submitted with the Report of Waste Discharge.
2. Condensate reinjection wells and condensate traps shall be located and constructed to conform to the details specified in the Report of Waste Discharge dated May 1, 1986.

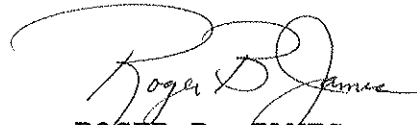
C. PROVISIONS

1. The discharger shall comply with this Order immediately upon commencement of operations.
2. The discharger shall remove and relocate any condensate which is discharged at this site in violation of these requirements.
3. The discharger shall file with this Board a report of any material change or proposed change in the character, location, or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed changes in the gas extraction system configuration, or the ownership of the Singleton Road Landfill methane gas recovery project, or the City of San Jose, Singleton Road Landfill.
4. The discharger shall maintain a copy of this Order at the Singleton Road Landfill methane gas recovery project so as to be available at all times to site operating personnel.
5. This Board considers the discharger to have a continuing responsibility for correcting any problems which arise in the future as a result of this waste discharge or related operations.
6. The discharger shall permit the Regional Board:
 - (a) Entry upon the premises on which the wastes are located or in which any required records are kept.
 - (b) Access to copy any records required to be kept under the terms and conditions of this Order.
 - (c) Inspection of equipment or records.

(d) Sampling of any discharge.

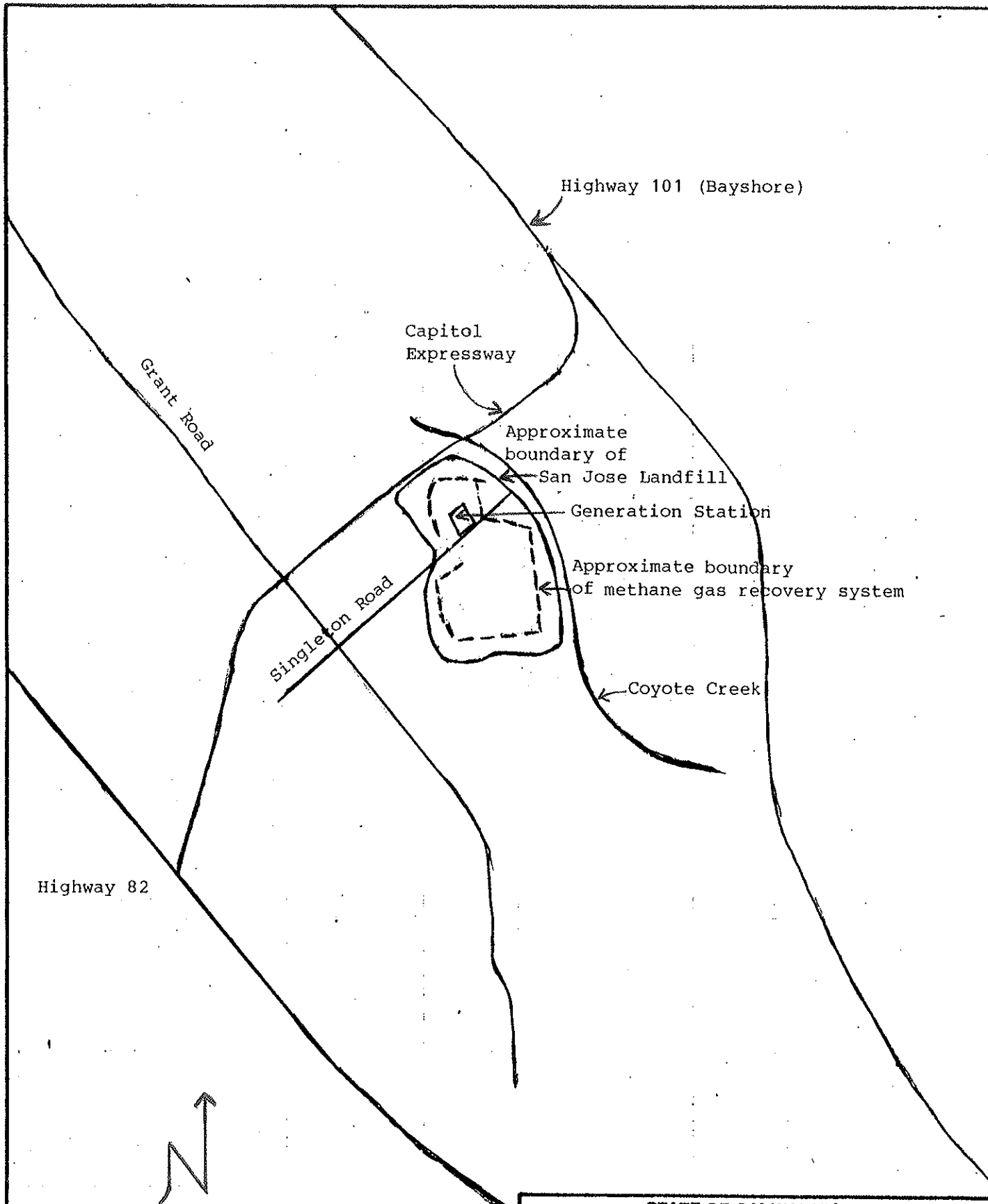
7. These requirements do not authorize commission of any act causing injury to the property of another or of the public; do not convey any property rights; do not remove liability under federal, state, or local laws; and do not authorize the discharge of wastes without appropriate permits from other agencies or organizations.
8. Board Order No. 81-8, Site Closure Specifications A.2., is hereby amended to read: "No Group 1 wastes, as defined in Title 23, California Administrative Code, and liquid wastes, other than those described in Board Order No.86-39, nor additional Group 2 wastes shall be stored or deposited on this site."

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 18, 1986.


ROGER B. JAMES
Executive Officer

Attacment:

Singleton Road Landfill methane gas recovery project map



Highway 101 (Bayshore)

Capitol Expressway

Grant Road

Approximate boundary of

San Jose Landfill

Generation Station

Approximate boundary of methane gas recovery system

Singleton Road

Coyote Creek

Highway 82



STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

GENSTAR METHANE GAS RECOVERY PROJECT
CITY OF SAN JOSE, SINGLETON ROAD LANDFILL
SANTA CLARA COUNTY

ATTACHMENT A

DRAWN BY:

DATE:

DRWG. NO.

Sequence	To	From
	RBJ	RBJ
	MAB	MAB
	LPK	LPK
	DMH	DMH
	GJG	GJG
PLANNING		
	RHW**	RHW**
	MJA	MJA
	DST	DST
	PWJ	PWJ
	DCB	DCB
	MRK	MRK
	MHK	MHK
TOXICS CLEANUP		
	DDD**	DDD**
	LF*	LF*
	RMB	RMB
	PCM	PCM
	TJB	TJB
	FXG	FXG
	FEJ*	FEJ*
	JLH	JLH
	DLH	DLH
	BAA	BAA
	RKM*	RKM*
	JYL	JYL
	RWM	RWM
	RHC	RHC
INDUSTRIAL		
✓	HJS**	HJS**
	SRR*	SRR*
	BHW	BHW
	TS	TS
	LWT	LWT
	AGL*	AGL*
	GRF	GRF
	GW	GW
	KJT	KJT
	MDD*	MDD*
	TEM	TEM
	JEC	JEC
MUNICIPAL		
	TCW**	TCW**
	RJC*	RJC*
	RL	RL
	SAH	SAH
	ETH	ETH
	SIM*	SIM*
	TGR	TGR
	LAH	LAH
	KWB	KWB
	DAM*	DAM*
	TWH	TWH
	WT	WT
	SRL	SRL

DATE OF ORIGIN: 6/19/86 DUE DATE:

Donster Recovery
Final Order

ADMINISTRATION

SEQUENCE #	PGS	TO	FROM
		VJW**	VJW**
		TMH	TMH
		AJ	AJ
		EJ	EJ
		DT	DT
		OT	OT
		CDC	CDC

WORK ORDER

LETTERHEAD
MEMO RWQCB
INTERNAL MEMO
MEMO A-2
PLAIN PAPER
DRAFT
XEROX
FILE NO. 2/89.80/44
TASK NO. 10002

SPECIAL INSTRUCTIONS:

ATTACHMENTS:

ENCLOSURES:

ROUTING:

MAILING:

COMPLETED BY:

DATE:

LIBRARY

CIRCULATING LIBRARY

BULLETIN BOARD

DATE:

DISCARD

FOLLOW-UP

DATE:

TO:

FILE(S)

NO. (S)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

1111 JACKSON STREET, ROOM 6040

OAKLAND 94607

Phone: Area Code 415
464-1255Certified Mail No.
Return Receipt Requested

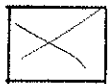
Date:

File: 2189.8014A

Genstar Gas Recovery Systems
177 Bovet Rd., Suite 550
San Mateo, CA 94402

City of San Jose
Singleton Road Landfill
801 North First Street
San Jose, CA 95110

NOTICE: The item(s) indicated by an "X" are enclosed herewith:



A. One certified copy of an Order adopted by the Board on the date shown therein.



B. Attachment to Order containing Requirements and Recommendations of other agencies.



C. One copy of Executive Officer Summary Report which was considered by the Board on the date shown therein. The Motion(s) recommended therein was (were) adopted by the Regional Board on that date.



D. Other -

Sincerely,

ROGER B. JAMES
Executive Officer

Enclosure